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# ABSTRACT OF THE DISCLOSURE

A magnetic recording medium has a substrate, an underlayer formed on the substrate, a magnetic layer formed on the underlayer and including crystal grains having an L1<sub>0</sub> structure mainly including Fe and Pt, 5 mainly including Fe and Pd, or mainly including Co and Pt, and the crystal grains further including 0.1 to 50 atomic percent of at least one additive element dissolved therein.

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